

Converting Colors

Yxy(46.2742, 0.3618, 0.3654)

Have a look what the booklet for
Yxy(46.2742, 0.3618, 0.3654)
contains.

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Color

Yxy(46.4198, 0.3621, 0.3657)

Conversions

Conversions Part 1

Format	Color
Hex	CCB194
RGB	204, 177, 148
RGB Percent	80%, 69%, 58%
CMY	0.2001, 0.3058, 0.4196
CMYK	0.00, 0.13, 0.27, 0.20
HSL	31°, 35%, 69%
HSV	31°, 27%, 80%
XYZ	45.9628, 46.4198, 34.5515
YIQ	181.7670, 25.4010, -3.2950

Conversions

Conversions Part 2

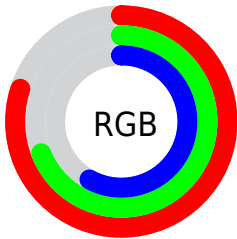
Format	Color
R _Y B	200, 204, 148
Decimal	13414804
CIE Lab	73.82, 5.31, 18.44
CIE LCh	74, 19.192, 73.922
Yxy	46.4198, 0.3621, 0.3657
Android (android.graphics.Color)	4291604884 (0xFFCCB194)
YUV	181.7670, -16.6471, 19.4983
Hunter-Lab	68.1321, 1.1874, 17.6250

Details

The Yxy color **46.4198, 0.3621, 0.3657** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.2936, 0.2691, 0.2892**, and the grayscale version is **46.7270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8021, 0.3484, 0.3602**, and **21.6679, 0.3766, 0.3751** is the 20% darker color. If you saturate the color by 10%, you get **42.0899, 0.3844, 0.3796**, and if you desaturate by 10%, it is **51.1470, 0.3421, 0.3518**.

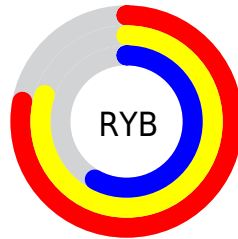
Distribution



Red (80%)

Green (69%)

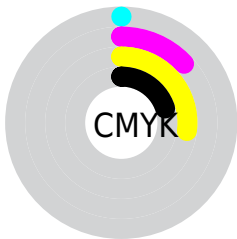
Blue (58%)



Red (78%)

Yellow (80%)

Blue (58%)

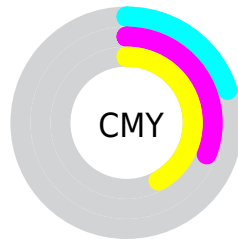


Cyan (0%)

Magenta (13%)

Yellow (27%)

Black (20%)



Cyan (20%)


Magenta (31%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4198, 0.3621, 0.3657 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 46.4198, 0.3621, 0.3657 by changing the saturation by 10% instead.


 46.4198, 0.3621,
0.3657

 46.4198, 0.3621,
0.3657


372.4938, 0.3373,
0.3477

 32.5772, 0.3683,
0.3700


 84.8469, 0.3531,
0.3593

 21.8028, 0.3762,
0.3755


 110.2002, 0.3497,
0.3568

 13.7120, 0.3866,
0.3826


140.1593, 0.3469,
0.3547

 7.9207, 0.4011,
0.3921

175.1084, 0.3444,
0.3529

 4.0442, 0.4221,
0.4053

215.4320, 0.3423,
0.3514

 1.6983, 0.4677,
0.4358

261.5145, 0.3404,

 0.4226, 0.5570,

0.3500

0.4430

313.7403, 0.3388,
0.3488

0.0000, 0.0000,
0.0000

46.4198, 0.3621,
0.3657

46.4198, 0.3621,
0.3657

42.0899, 0.3844,
0.3796

51.1470, 0.3421,
0.3518

38.1392, 0.4088,
0.3930

56.2765, 0.3245,
0.3385

34.5573, 0.4349,
0.4048

61.8209, 0.3089,
0.3259

31.3307, 0.4616,
0.4139

67.7905, 0.2954,
0.3141

28.4447, 0.4876,
0.4191

74.1951, 0.2836,
0.3033

■ 25.8831, 0.5113,
0.4193

■ 80.0139, 0.2814,
0.3088

■ 23.6254, 0.5313,
0.4141

■ 85.8245, 0.2821,
0.3193

■ 23.0903, 0.5362,
0.4124

■ 91.5732, 0.2827,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.4198, 0.3657, 0.3463



46.4198, 0.3621, 0.3657



46.4198, 0.3449, 0.3762

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.4198, 0.3621, 0.3657



46.4198, 0.2724, 0.3323



46.4198, 0.3041, 0.2891

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



46.4198, 0.3621, 0.3657



41.2936, 0.2691, 0.2892

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.4198, 0.2801, 0.2844



46.4198, 0.3621, 0.3657



46.4198, 0.2625, 0.3080

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



46.4198, 0.3621, 0.3657



46.4198, 0.2931, 0.3569



46.4198, 0.2652, 0.2909



46.4198, 0.3314, 0.3032

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.4198, 0.3621, 0.3657



46.4198, 0.3285, 0.3759



46.4198, 0.2652, 0.2909



46.4198, 0.2954, 0.2864

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



46.4219, 0.3621, 0.3657



92.6469, 0.3256, 0.3393



37.1084, 0.3436, 0.2950



19.5451, 0.3281, 0.3413



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.4219, 0.3621, 0.3657



72.5305, 0.3752, 0.3741



58.0116, 0.3530, 0.3971



12.1597, 0.3277, 0.3410



14.7254, 0.5342, 0.4141



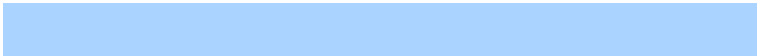
0.9112, 0.5058, 0.4366

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.2936, 0.2691, 0.2892



62.6341, 0.2593, 0.2790



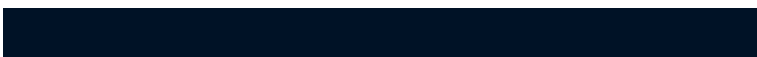
31.9190, 0.2661, 0.2508



11.7205, 0.2983, 0.3167



8.4541, 0.1759, 0.1530



0.5879, 0.1860, 0.1895

Previews

White Background



This preview shows how the Yxy color 46.4198, 0.3621, 0.3657 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 46.4198, 0.3621, 0.3657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

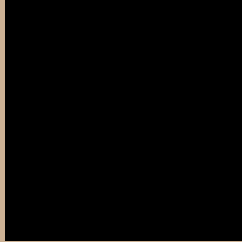
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.4198, 0.3621, 0.3657

Background



This preview shows how black text looks on a background with the Yxy color 46.4198, 0.3621, 0.3657.



This preview shows how white text looks on a background with the Yxy color 46.4198, 0.3621, 0.3657.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

46.4198, 0.3621, 0.3657

Protanopia

46.4562, 0.3481, 0.3695

Deuteranopia

46.2591, 0.3697, 0.3612



Tritanopia

46.4177, 0.3342, 0.3132

Trichromacy



Original Color

46.4198, 0.3621, 0.3657

Protanomaly

46.5482, 0.3529, 0.3690

Deuteranomaly

46.2080, 0.3665, 0.3628

Tritanomaly

46.5161, 0.3444, 0.3316

Monochromacy



Original Color

46.4198, 0.3621, 0.3657

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.4919, 0.3296, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4198, 0.3621, 0.3657 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(204, 177, 148)` looks like.

```
.text, #text, p{  
    color:rgb(204, 177, 148)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(204, 177, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 177, 148) }
```

Border

The CSS property to change the border of an element to Yxy 46.4198, 0.3621, 0.3657 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 177, 148) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(204, 177, 148) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(204, 177, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 177, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 177, 148);  
box-shadow:4px 4px 4px 4px rgb(204, 177,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4198, 0.3621, 0.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 177, 148) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(204,  
177, 148) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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